

Datasheet for ABIN3042758
anti-Crk antibody (AA 2-246)

5 Images

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Overview

Quantity:	100 µg
Target:	Crk (CRK)
Binding Specificity:	AA 2-246
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Crk antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Adapter molecule crk(CRK) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	E.coli-derived human Crk p38 recombinant protein (Position: A2-R246). Human Crk p38 shares 99% and 100% amino acid (aa) sequences identity with mouse and rat Crk p38, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Adapter molecule crk(CRK) detection. Tested with WB, IHC-P in Human,Mouse,Rat.</p> <p>Gene Name: v-crk avian sarcoma virus CT10 oncogene homolog</p> <p>Protein Name: Adapter molecule crk</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	Crk (CRK)
Alternative Name:	CRK (CRK Products)
Background:	<p>CRK, also known as p38 or CRKII, is a protein that in humans is encoded by the CRK gene. This gene is a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. It is mapped to 17p13.3. The CRK protein participates in the Reelin signaling cascade downstream of DAB1. The product of this gene has several SH2 and SH3 domains (src-homology domains) and is involved in several signaling pathways, recruiting cytoplasmic proteins in the vicinity of tyrosine kinase through SH2-phosphotyrosine interaction. The N-terminal SH2 domain of this protein functions as a positive regulator of transformation whereas the C-terminal SH3 domain functions as a negative regulator of transformation. Two alternative transcripts encoding different isoforms with distinct biological activity have been described.</p> <p>Synonyms: Adapter molecule crk antibody Avian sarcoma virus CT10 (v crk) oncogene homolog antibody CRK antibody CRK isoform 2 antibody CRK isoform II antibody CRK_HUMAN antibody CRKII antibody FLJ38130 antibody OTTHUMP00000115366 antibody OTTHUMP00000198330 antibody p38 antibody Proto oncogene C crk antibody Proto-oncogene C-crak antibody v crk avian sarcoma virus CT10 oncogene homolog antibody v crk sarcoma virus CT10 oncogene homolog antibody v crk sarcoma virus CT10 oncogene homolog (avian) antibody</p>
Gene ID:	1398
UniProt:	P46108
Pathways:	Neurotrophin Signaling Pathway , CXCR4-mediated Signaling Events , Signaling of Hepatocyte Growth Factor Receptor

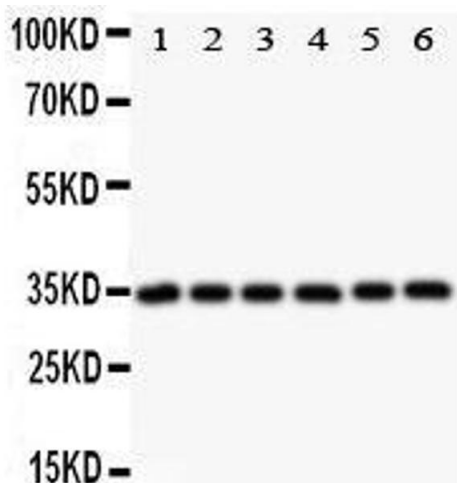
Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by

Application Details

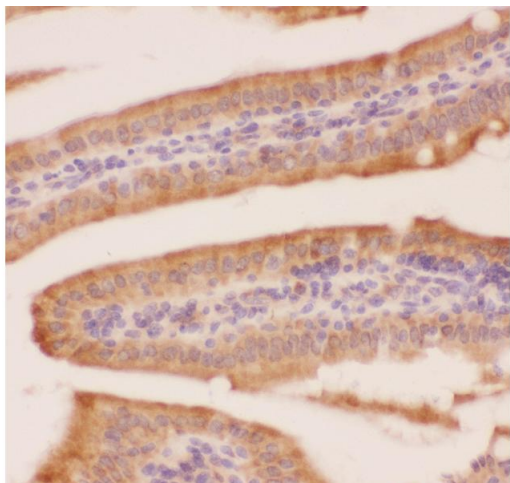
	ABIN921231 in IHC(P).
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



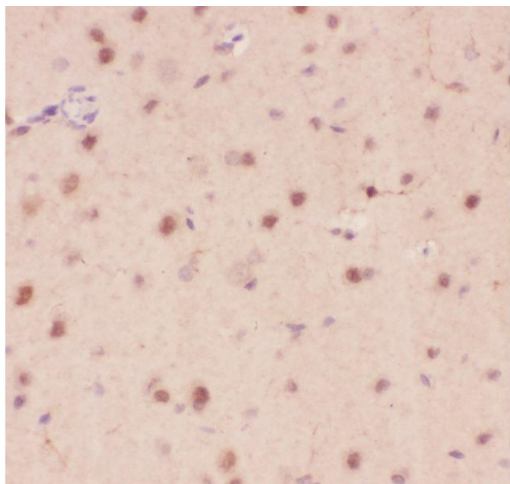
Western Blotting

Image 1. Observed bind size: 34KD



Immunohistochemistry

Image 2. Anti-Crk p38 Picoband antibody, IHC(P): Mouse Intestine Tissue



Immunohistochemistry

Image 3. Anti-Crk p38 Picoband antibody, IHC(P): Rat Brain Tissue

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3042758.